

Serial No.: 09/160,424  
Docket No.: 1215

Amendments to the Claims

- 71
1. (Currently Amended) A system for publishing network content, the system comprising:
    - (a) first and second production servers wherein each production server provides production content to content users of a computer network in response to requests routed to the production server from the content users;
    - (b) a staging server operatively connected to each of the first and second production servers, wherein staging content is generated, edited and/or tested by an administrator on the staging server and wherein the staging content is automatically transferred from the staging server to the first and second production servers for publication on the first and second production servers at substantially the same time in response to a publish command received on the staging server, wherein the transferred staging content published on each of the production servers is the same staging content; and
    - (c) wherein the transferred staging content replaces the production content on the production server such that the transferred staging content becomes subsequent production content accessible by the content users of the computer network, and wherein access to the staging server is limited such that the staging content is not accessible by the content users prior to the transfer to the production server.
  2. (Previously Amended) The system of Claim 1 further comprising a file server for storing the staging content.
  3. (Previously Amended) The system of Claim 1 further comprising a firewall operable to limit access to the staging server.
  4. (Previously Amended) The system of Claim 3 wherein the staging server comprises a segmented server providing processing for a plurality of users.

Serial No.: 09/160,424  
Docket No.: 1215

5. (Previously Amended) The system of Claim 3 wherein:
- a same address is associated with the first production server and the staging server; and
- requests associated with the same address are routed to the staging server in response to access through the firewall.
6. (Previously Amended) The system of Claim 1 wherein the staging server is operable to generate requests for additional content from the network.
7. (Previously Amended) The system of Claim 1 wherein the staging server is operable to schedule said transfer of the staging content.
8. (Previously Amended) The system of Claim 7 wherein the staging server is operable to cancel said scheduled transfer.
9. (Previously Amended) The system of Claim 1 wherein the staging server is operable to replace the production content with prior production content, the prior production content comprising production content previously transferred to the first production server.
10. (Previously Amended) The system of Claim 1 wherein the staging server is operable to prevent alteration of the staging content on the staging server.
11. (Previously Amended) The system of Claim 1 wherein the staging server is operable to provide information selected from the group consisting of: log files, status information and combinations thereof.
12. (Previously Amended) The system of Claim 1 wherein the staging server is operable to provide user selections for at least two actions selected from the group consisting of:
- generating requests for additional content from the network;

Serial No.: 09/160,424  
Docket No.: 1215

scheduling said transfer of the staging content;  
canceling said scheduled transfer;  
replacing the production content with prior production content and controlling saving of  
the production content;  
preventing alteration of the staging content on the staging server, and  
providing information selected from the group consisting of: log files, status information  
and combinations thereof.

71 13. (Original) The system of Claim 1 wherein the first production server is geographically  
remote from the second production server.

14. (Currently Amended) A method for publishing content on a computer network, the  
method comprising the steps of:

(a) providing a staging server wherein staging content is generated, edited and/or  
tested by an administrator on the staging server;

(b) limiting access to the staging server such that the staging content is not accessible  
by content users of the computer network;

(c) receiving a publish command on the staging server;

(d) automatically transferring the staging content from the staging server to first and  
second production servers for publication on the first and second production servers at  
substantially the same time in response to step (c), wherein the transferred staging content  
published on each of the production servers is the same staging content;

(e) replacing production content on the first and second production servers with the  
transferred staging content such that the transferred staging content becomes subsequent  
production content; and

Serial No.: 09/160,424

Docket No.: 1215

(f) providing the subsequent production content to the content users of the computer network in response to requests routed to either of the first and second production servers from the content users.

15. (Previously Amended) The method of Claim 14 further comprising:

(g) storing the staging content on a file server.

16. (Previously Amended) The method of Claim 15 wherein step (g) comprises storing the staging content prior to performing step (d).

17. (Previously Amended) The method of Claim 14 further comprising:

(g) verifying a user for access to the staging server.

18. (Previously Amended) The method of Claim 17 further comprising:

(h) segmenting step (a) for a plurality of administrators.

19. (Previously Amended) The method of Claim 17:

wherein a same address is associated with the staging server and the first production server;

further comprising: (h) routing requests to the staging server in response to step (g).

20. (Previously Amended) The method of Claim 17 wherein step (g) comprises verifying access by the user as one of at least two access levels.

21. (Previously Amended) The method of Claim 20 further comprising step (g) of limiting control of step (c) to a first of the at least two access levels.

22. (Previously Amended) The method of Claim 20 further comprising step (g) of limiting control of step (a) to the administrator.

23. (Canceled).

Serial No.: 09/160,424

Docket No.: 1215

24. (Previously Amended) The method of Claim 23 wherein step (g) comprises generating requests for additional content from the computer network from the staging server.
25. (Previously Amended) The method of Claim 14 further comprising step (g) of scheduling step (d) from the staging server.
26. (Previously Amended) The method of Claim 25 wherein step (g) comprises canceling step (d).
27. (Previously Amended) The method of Claim 14 further comprising:
- (g) receiving a replace content command; and
  - (h) replacing the production content on the first and second production servers with prior production content in response to step (g), the prior production content comprising content previously on the first and second production servers.
28. (Previously Amended) The method of Claim 14 further comprising step (g) of providing information selected from the group consisting of: log files, status information and combinations thereof in the staging server.
29. (Previously Amended) The method of Claim 14 further comprising providing user selections for at least two actions selected from the group consisting of:
- testing the interaction of the staging content with the computer network from the staging server;
  - scheduling step (d);
  - canceling said scheduled transfer;
  - replacing the production content on the first and second production servers with prior production content, the prior production content comprising production content previously on the first and second production servers;

Serial No.: 09/160,424  
Docket No.: 1215

preventing alteration of the staging content on the staging server by a content user; and  
providing information selected from the group consisting of: log files, status information  
and combinations thereof.

30. (Currently Amended) A method for publishing content on a computer network, the  
method comprising the steps of:

(a) providing a staging server on the computer network;  
(b) limiting access to the staging server such that the server is not accessible by  
content users of the computer network, the access comprising at least first and second access  
levels;

FI  
(c) generating staging content on the staging server;  
(d) restricting step (c) in response to a command associated with the first access level;  
(e) receiving a publish command on the staging server;  
(f) automatically transferring the generated staging content from the staging server to  
first and second production servers for publication on the first and second production servers at  
substantially the same time in response to step (e), wherein the transferred staging content  
published on each of the production servers is the same staging content; and

(g) restricting step (f) in response to a command associated with the second access  
level.

31. (Previously Amended) The method of Claim 30 wherein step (c) comprises editing the  
staging content.

✓ 32. (Canceled).

Serial No.: 09/160,424  
Docket No.: 1215

33. (Previously Amended) The method of Claim 30 further comprising:

(h) replacing production content on the first and second production servers with the transferred staging content of step (f); and

(i) reversing step (h).

34. (Previously Amended) The method of Claim 30 wherein step (f) comprises replacing the transferred staging content of step (f) on the first and second production servers with the production content.

FI 35. (Previously Amended) The method of Claim 30 wherein:

the staging server includes segmented software; and

step (c) comprises generating staging content for each of a plurality of administrators, each administrator associated with a segment of the segmented software.

36. (Previously Amended) The method of Claim 30 further comprising providing user selections for at least two actions selected from the group consisting of:

testing the interaction of the staging content with the computer network from the staging server;

scheduling a transfer of the staging content to the first production server and the second production server;

canceling said scheduled transfer;

transferring the staging content to the first production server and the second production server in response to a publish command;

replacing production content on the first production server with prior production content, the prior production content comprising content previously on the first production server and the second production server;

Serial No.: 09/160,424

Docket No.: 1215

preventing alteration of the staging content on the staging server by a user associated with a second of the at least two access levels; and

providing information selected from the group consisting of: log files, status information and combinations thereof.

37. (Currently Amended) A system for publishing content on a computer network, the system comprising:

FI  
a staging server and associated software comprising a staging area on the computer network, the staging area operable to allow generation, editing and/or testing by an administrator of staging content and transfer of the staging content from the staging area to a plurality of production areas for publication on the production areas at substantially the same time, wherein the transferred staging content published on each of the production areas is the same staging content;

a firewall operable to limit access to the staging area to at least two access levels such that the staging area is not accessible by content users of the computer network, the firewall operatively connected to the staging server; and

wherein a first user associated with a first of the at least two access levels is allowed to control generation, editing and/or testing of the staging content, and wherein a second user associated with a second of the at least two access levels is allowed to control transfer of the staging content from the staging area to the production areas.

38. (Previously Amended) The system of Claim 37 further comprising a production server associated with production content; and

wherein the production content is replaced with the staging content associated with the staging area and the replacement is reversed at a later time.



Serial No.: 09/160,424

Docket No.: 1215

39. (Original) The system of Claim 37 wherein the software comprises segmented software; and the each segment of the segmented software is associated with one of a plurality of user groups.

40. (Previously Amended) The system of Claim 37 further comprising a user interface associated with selections for at least two actions selected from the group consisting of:

testing the interaction of the staging content with the computer network from the staging area;

scheduling a transfer of the staging content to a first production server and a second production server;

canceling said scheduled transfer;

transferring the content to the first production server and the second production server in response to a publish command;

replacing production content on the first production server and the second production server with prior production content, the prior production content comprising content previously on the first production server and the second production server;

providing information selected from the group consisting of: log files, status information and combinations thereof.

41. (Currently Amended) A method for publishing content on a computer network, the method comprising the steps of:

(a) providing a staging server and a plurality of production servers on the computer network, the staging server associated with staging content and each of the production servers associated with production content, wherein the staging content is not accessible on the staging server by content users of the computer network;

Serial No.: 09/160,424

Docket No.: 1215

(b) replacing the production content on each of the production servers with the staging content for publication on the production servers at substantially the same time in response to a publish command associated with the staging server, wherein the staging content published on each of the production servers is the same staging content, whereby the staging content becomes accessible on the production servers by the content users of the computer network; and

71  
(c) replacing the staging content on each of the production servers with the production content for publication on the production servers at substantially the same time in response to a rollback command associated with the staging server, wherein the production content published on each of the production servers is the same production content, whereby the production content is accessible on the production servers by the content users of the computer network.

✓42. (Canceled).

43. (Previously Amended) The method of Claim 41 further comprising:

- (d) limiting access to the staging server to at least two access levels;
- (e) generating the staging content on the staging server; and
- (f) restricting step (e) in response to a command associated with one of the at least two access levels.

44. (Previously Amended) The method of Claim 41 wherein:

the staging server includes segmented software; and  
further comprising (d) generating staging content for each of a plurality of administrators, each administrator associated with a segment of the segmented software.

Serial No.: 09/160,424  
Docket No.: 1215

45. (Previously Amended) The method of Claim 41 further comprising providing user selections associated with at least two actions selected from the group consisting of:

testing an interaction of the staging content with the computer network from the staging server;

scheduling a transfer of the staging content to a first production server;

canceling said scheduled transfer;

transferring the staging content to the first production server and the second production server in response to a publish command;

preventing alteration of the staging content by a user associated with a first access level;

FI and

providing information selected from the group consisting of: log files, status information and combinations thereof.

46. (Currently Amended) A system for publishing content on a computer network, the system comprising:

a staging server associated with the computer network and with staging content, wherein access to the staging server is limited such that the staging content is not accessible by content users of the computer network;

a plurality of production servers wherein each production server is associated with the computer network and with production content that is accessible by the content users of the computer network;

a staging server user interface that allows a user to select a publish command associated with replacement of the production content on each of the production servers with the staging

Serial No.: 09/160,424

Docket No.: 1215

content for publication on each of the production servers at substantially the same time, wherein the staging content published on each of the production servers is the same staging content; and

wherein the staging server user interface also allows the user to select a rollback command associated with replacement of the staging content on each of the production servers with the production content for publication at substantially the same time.

47. (Canceled).

48. (Previously Amended) The system of Claim 46 further comprising a firewall for limiting access to the staging server to at least two access levels; and

wherein the staging server is operable to generate the staging content in response to input associated with the staging server user interface and is operable to restrict the generation in response to a command associated with one of the at least two access levels.

49. (Previously Amended) The system of Claim 46 wherein:

the staging server includes segmented software; and

the staging server is operable to generate the staging content for each of a plurality of users, each user associated with a segment of the segmented software.

50. (Previously Amended) The system of Claim 46 wherein the staging server user interface is associated with user selections for at least two actions selected from the group consisting of:

testing an interaction of the staging content with the computer network from the staging server;

scheduling a replacement of the production content with the staging content;

canceling said scheduled replacement;

replacing the production content on the plurality of production servers with the staging content in response to the publish command;

Serial No.: 09/160,424  
Docket No.: 1215

preventing alteration of the staging content by a user associated with a first access level;  
and  
providing information selected from the group consisting of: log files, status information  
and combinations thereof.

51. (Currently Amended) A method for publishing content on a computer network, the  
method comprising the steps of:

71 (a) generating, editing and/or testing staging content by an administrator on a staging  
server, wherein access to the staging server is limited such that the staging content is not  
accessible on the staging server by content users of the computer network;

(b) replicating the staging content to at least first and second temporary directories;

(c) transferring the staging content from the staging server to first and second  
production servers associated with the first and second temporary directories, respectively, for  
publication on the first and second production servers at substantially the same time, wherein the  
transferred staging content published on the production servers is the same staging content; and

(d) providing the transferred staging content to the content users of the computer  
network in response to requests routed to either of the first and second production servers from  
the content users.

52. (Original) The method of Claim 51 further comprising step (e) of commanding  
publication, wherein steps (b) and (c) are responsive to step (e).

53. (Original) The method of Claim 51 further comprising step (e) of verifying step (b).

54. (Original) The method of Claim 53 wherein step (c) is responsive to step (e).